



South Carolina

Weekly Weather and Crop Progress Report

Cooperating with Clemson University
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Issue: SC-CW003010
Released: July 19, 2010 , after 4 pm
Week Ending: July 18, 2010
Cooperating Agencies:
Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

Widespread thunder showers left very few areas of the State without some kind of rainfall this past week. Conditions of most crops improved only slightly over the last few days from the additional moisture, and were hampered by more of the above average temperatures that we been experiencing for much of the summer. South Carolina Carolina’s soil moisture levels improved somewhat and were reported as 11% very short, 35% short, 44% adequate and 10% surplus. There was a statewide average of 6.1 days that were suitable for field work.

FIELD CROPS

CORN finished tasseling, and ears have mostly filled out with the rain certainly helping any late planted fields. However, most of the crop was far enough along that any additional rain would not make any great difference. Fourteen percent of corn had matured, ahead of the five-year average. Conditions were reported as 9% very poor, 17% poor, 38% fair, 34% good and 2% excellent. Some **COTTON** growers were preparing to apply controls for stink bugs, and corn earworms as these pests move out of corn fields. Eighty-four percent of the cotton crop had squared and 25% had set bolls. Cotton conditions saw a small improvement. Eighty-three percent of **PEANUTS** had pegged. Peanuts conditions were reportedly 9% poor, 19% fair, 67% good and 5% excellent. Thirty percent of **SOYBEANS** had bloomed and 9% had set pods by the end of the week, ahead of average. Soybean conditions improved slightly and were reportedly 1% very poor, 14% poor, 38% fair, 43% good and 4% excellent. Ninety-six percent of **TOBACCO** had been topped and 25% percent had been harvested. Tobacco conditions were reportedly 4% poor, 19% fair, 63% good, and 14% excellent.

OTHER ITEMS OF INTEREST

LIVESTOCK conditions showed little change, as it was still hot and especially humid. Standing in the shade of a shelter or tree did little to bring relief. Conditions were 4% poor, 31% fair, 63% good and 2% excellent. **PASTURE** conditions were 4% very poor, 10% poor, 46% fair and 38% good, and 2% excellent. Ninety-six percent of **TOMATOES** and 93% percent of **SNAPBEANS** had been harvested. **CUCUMBER** harvest was been completed for the year. **MELON** harvest contined to progress. Fifty-seven percent of **PEACHES** had been harvested.

Crop Progress for Week Ending July 18, 2010

Crop and Stage	2010	2009	5-Yr Avg	Crop and Stage	2010	2009	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup, Harvested	80	77	82	Peanuts, Pegged	83	78	72
Corn, Silked	100	100	99	Snapbeans, Fresh, Harvested	93	98	97
Corn, Doughed	79	73	71	Soybeans, Emerged	99	100	98
Corn, Matured	14	10	7	Soybeans, Bloomed	30	14	21
Cotton, Squared	84	83	78	Soybeans, Pods Set	9	3	5
Cotton, Bolls Set	25	18	21	Tobacco, Topped	96	99	90
Cucumbers, Fresh, Harvested	100	100	100	Tobacco, Harvested	25	28	18
Hay, Other Hay, Harvested	79	73	62	Tomatoes, Fresh, Harvested	96	93	91
Peaches, Harvested	57	63	55	Watermelons, Harvested	87	82	76

Condition for Week Ending July 18, 2010

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	9	17	38	34	2	Peanuts	0	9	19	67	5
Cotton	1	8	36	49	6	Soybeans	1	14	38	43	4
Livestock	0	4	31	63	2	Tobacco	0	4	19	63	14
Pasture	4	10	46	38	2						

South Carolina Weekly Weather Summary for the Week Ending July 18, 2010

Tropical weather conditions that included daily thunder and intense rainfalls began on Monday. Street flooding was reported in Florence Monday evening and the Greer Airport recorded winds gusting to 51 mph. 2.65 inches of rain fell at the Pee Dee Research and Education Center. Thunderstorm cloud tops of 60-thousand feet contributed to Edgefield receiving 2.77 inches of rain. Two-inch rains fell at Sandhill, Manning, Rimini, Lake Wateree and Rock Hill. The Charleston Airport measured 2.73 inches of rain on Tuesday that resulted in local flooding. On both Tuesday and Wednesday, Sandy Run reached 96 degrees. The thermometers at Clinton and Newberry indicated 97 degrees on Thursday. Thursday’s storm convection near the coast produced rainfall amounts of 2.20 inches at Andrews and 2.19 inches at N Myrtle Beach. The Columbia Airport measured 1.93 inches of rain within the core of a Thursday thunderstorm. Wet weather coverage extended into the Upstate on Friday with scattered storms. The Anderson Airport received 1.86 inches of rain. A wind gust of 51 mph was recorded at the Lake Marion Spillway at 9:41 p.m. on Saturday night and the Santee St. Paul site reported a rainfall amount of 1.89 inches. Scattered showers, some with thunder, affected inland South Carolina on Sunday. Afternoon temperatures moderated slightly due to the added cloud cover but relative humidity values remained high. The state average temperature for the seven-day period was three degrees above normal.

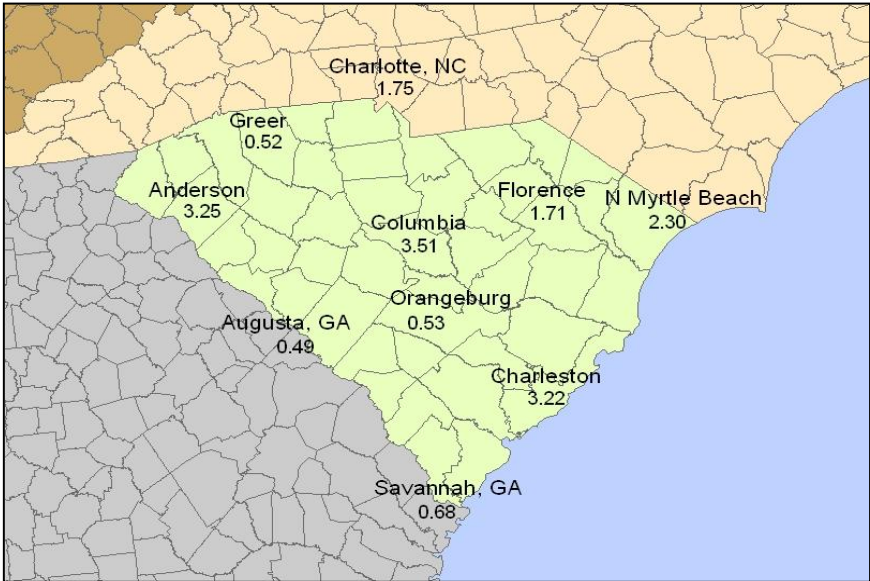
The highest official temperature reported was 98 degrees at the USC Campus in Columbia on July 14. The lowest official temperature reported was 61 degrees at Jocassee on July 15. The heaviest official 24-hour rainfall reported was 3.15 inches at the Turkey Creek gage in N Charleston ending at 7:00 a.m. on July 14. The state average rainfall for the period was 1.6 inches.

SOIL: 4-inch depth soil temperature: Columbia 82 degrees, Charleston 86 degrees.
RIVERS AND SURF: South Carolina river stages were near normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 83 degrees.

Precipitation

Location	Total for Week	Total for 2010	Deviation from Average
Greer	0.52	24.26	-4.4
Anderson	3.25	27.37	0.9
Columbia	3.51	19.56	-7.9
Orangeburg	0.53	23.19	-4.3
Charlotte, NC	1.75	22.50	-1.7
Augusta, GA	0.49	16.42	-9.4
Florence	1.71	27.29	2.8
N Myrtle Beach	2.30	18.66	-4.0
Charleston	3.22	33.48	6.4
Savannah, GA	0.68	24.92	-1.4

Weekly rainfall totals this period ending midnight Sunday.



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